

| Edulib-eLabs-CSE/IT | | |
|----------------------------|---|---------------------------|
| S.No | eLab Name | No. of Experiments |
| 1 | Data Structures | 33 |
| 2 | Object Oriented Programminag | 9 |
| 3 | Operating System and Compiler Design | 18 |
| 4 | Advanced Data Structures | 10 |
| 5 | UML and Design Patterns | 10 |
| 6 | Mobile Application Development | 8 |
| 7 | Java Programming | 7 |
| 8 | Free Open Source Software | 20 |
| 9 | Computer Networks and Unix | 10 |
| 10 | Advanced Java and Web Technologies | 5 |
| 11 | Computer Networks and Operating Systems | 5 |
| 12 | Linux Programming and Data Mining | 5 |
| 13 | Case Tools and Software Testing | 11 |
| 14 | Database Management Systems | 8 |

| EduLib-eLabs-ECE | | |
|-------------------------|---|---------------------------|
| S.No | eLab Name | No. of Experiments |
| 1 | Electronic Devices and Circuits | 19 |
| 2 | Digital Communications | 12 |
| 3 | IC Applications | 31 |
| 4 | Digital Signal Processing | 21 |
| 5 | Microwave and Optical Communications | 10 |
| 6 | Microproc and Microcontrol | 13 |
| 7 | Digital Logic Design | 10 |
| 8 | Electronic Circuit Analysis | 10 |
| 9 | Analog Communications | 13 |
| 10 | Electronic CAD | 9 |
| 11 | Electronic Circuits and PDC | 10 |
| 12 | Basic Simulation | 18 |
| 13 | E-CAD and VLSI | 18 |
| 14 | Micro Wave Engineering and Digital Communications | 6 |
| 15 | Electrical and Electronics Engineering | 3 |
| 16 | Micro Processor Interfacing | 5 |
| 17 | Electronic Circuits and Pulse Circuits | 8 |

| EduLib-eLabs-EEE | | |
|-------------------------|--|---------------------------|
| S.No | eLab Name | No. of Experiments |
| 1 | Networks and Electrical Technology | 11 |
| 2 | Electrical Circuits | 9 |
| 3 | Electrical Machines - II | 9 |
| 4 | Control Systems | 10 |
| 5 | Electrical Simulation | 8 |
| 6 | Basic Electrical and Electronics Engineering | 7 |
| 7 | Electrical Machines - I | 7 |
| 8 | Power Electronics | 11 |
| 9 | Electrical Measurements | 14 |
| 10 | Control Systems and Simulation | 3 |
| 11 | Electrical Technology | 3 |

| Edulib-eLabs-MECH | | |
|--------------------------|---|---------------------------|
| S.No | eLab Name | No. of Experiments |
| 1 | Mechanics of Solids and Metallurgy | 12 |
| 2 | Thermal Engineering | 5 |
| 3 | Machine Tools | 9 |
| 4 | Simulation | 6 |
| 5 | Production Technology | 13 |
| 6 | Metrology and Instrumentation | 12 |
| 7 | Fluid Mechanics and Hydraulic Machinery | 4 |
| 8 | Heat Transfer | 19 |
| 9 | Metrology and Machine Tools | 2 |
| 10 | Computer Aided Design and Machining | 7 |

| EduLib-eLabs-CIVIL | | |
|---------------------------|---|---------------------------|
| S.No | eLab Name | No. of Experiments |
| 1 | Strength of Materials | 9 |
| 2 | Engineering Geology | 6 |
| 3 | Concrete Technology | 17 |
| 4 | GIS and CAD Laboratory | 9 |
| 5 | Water and Wastewater Engineering | 14 |
| 6 | Thermal and Hydro | 15 |
| 7 | Fluid Mechanics and Hydraulic Machinery | 9 |
| 8 | Geotechnical Engineering | 13 |
| 9 | Transportation Engineering | 9 |

Edulib-eLabs-COMMON

| S.No | eLab Name | No. of Experiments |
|-------------|-----------------------|---------------------------|
| 1 | Engineering Chemistry | 15 |
| 2 | C Programming | 10 |
| 3 | Engineering Physics | 15 |